

NRC INSPECTION MANUAL

PART 9900: TECHNICAL GUIDANCE

RG158.TG

REGULATORY GUIDE 1.58 QUALIFICATIONS OF NUCLEAR POWER PLANT INSPECTION, EXAMINATION AND TESTING PERSONNEL

A. PURPOSE

The purpose of this guidance is to provide the Regulatory position concerning qualification requirements of operating personnel engaged in inspection, examination and testing activities.

B. DISCUSSION

10 CFR 50.34b(7) - requires licensees to describe in the Final Safety Analysis Report (FSAR) information relating to the technical qualifications of the applicant to engage in the proposed activities.

In complying with this requirement as it relates to the qualification and training of various licensee personnel, most licensees document in the FSAR a commitment to conform to the requirements of ANSI N18.1-1971, Selection and Training of Nuclear Power Plant Personnel, and ANSI-N45.2.6-1973, Qualification of Inspection, Examination, and Testing Personnel for the Construction Phase of Nuclear Power Plants. Regulatory Guide 1.58 endorses ANSI N45.2.6-1973 and states that the requirements should also be applicable to inspection, examination and testing activities during fabrication prior to receipt of items at the construction site and during other phases of plant life, including preoperational and startup testing and the operational phases.

Experience has shown that subtle differences between ANSI N18.1 and ANSI N45.2.6 exist and that clarification is warranted. Therefore, the Offices of Nuclear Reactor Regulation and Inspection and Enforcement, after consultation with the Office of Standards Development, adopted the following Regulatory position regarding qualifications of personnel who perform inspection, examination and testing activities:

1. The individuals performing inspection, examination and testing functions associated with normal operations of the plant, such as surveillance testing, maintenance and certain technical

reviews normally assigned to the Onsite Operations Organization shall be qualified to ANSI N18.1-1971.

2. Personnel whose qualifications are not required to meet those specified in ANSI N18.1 and who are performing inspection, examination and testing activities during the operational phase of the plant shall be qualified to ANSI N45.2.6-1973 except that the QA experience cited for Levels I, II

and III shall be interpreted to mean actual experience in carrying out the types of inspection, examination and testing activities being performed.

This position is consistent with ANSI N18.7-1976, "Administrative Controls and Quality Assurance for the Operational Phase of Nuclear Power Plants", Section 3.4.2.

C. REFERENCE

This Regulatory position was discussed in a letter, G. Lear, Chief ORB3, Division of Operating Reactors to Jersey Central Power and Light Company, dated January 19, 1977.

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